

## Illustrative

## ACCESS SERVICE

28. Expanded Interconnection

Expanded Interconnection is available to customers in either physical\* or virtual interconnection arrangements. (C)

Fiber Optic Expanded Interconnection provides a customer with space and associated requirements such as power and environmental conditioning within a Telephone Company serving wire center, access tandem or certain remote nodes to locate certain fiber optic facilities and transmission equipment, and a connection to certain Telephone Company provided services. Fiber Optic Expanded Interconnection is available to customers in either physical or virtual interconnection arrangements utilizing their own fiber optic facilities, Telephone Company facilities (i.e., High Capacity Access Services) or facilities of a third party.

Microwave Expanded Interconnection provides a customer with space and associated requirements such as power and environmental conditioning upon a Telephone Company serving wire center, access tandem or certain remote nodes to locate certain terrestrial point to point microwave facilities and transmission equipment, and a connection to certain Telephone Company provided services. Microwave Expanded Interconnection is available to customers in physical interconnection arrangements only.

Hereinafter in this Section 28. following, the term customer facilities shall include facilities provided by the customer or facilities which are leased by the customer from the Telephone Company or a third party (i.e., Competitive Fiber Provider). The provision of facilities involving a third party are set forth in 28.11 following.

Customer provided microwave facilities and transmission equipment may be located in, on or above the exterior walls and roof of Telephone Company serving wire centers, access tandems or certain remote nodes. Microwave antenna support structures may be provided by the Telephone Company or the customer and may also be located in, on or above the exterior walls and roof of the Telephone Company serving wire centers, access tandems or certain remote nodes.

Fiber Optic and Microwave Expanded Interconnection is available in Verizon Telephone Companies' serving wire centers, access tandems or certain remote nodes as specified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4. In addition, the Telephone Company maintains the Collocation Space Summary, which associates the central offices contained in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4 with their designations as Physical, SCOPE, or Virtual and may be found on the Telephone Company's Internet website at [http://www.bellatlantic.com/wholesale/html/res\\_site\\_summ.htm](http://www.bellatlantic.com/wholesale/html/res_site_summ.htm).)

- \* Physical Expanded Interconnection availability is limited. See Section 28.1, 28.6 and 28.10 for details. (N)  
(N)

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Illustrative

28. Expanded Interconnection (Cont'd)

(C)

28.1 Fiber Optic Expanded Interconnection - General

The regulations set forth in this Section 28.1 apply to the following:

(N)

- (1) Virtual Expanded Interconnection arrangements
- (2) Fiber Optic Expanded Interconnection arrangements which are in-service or on order (i.e., an Expanded Interconnection application has been submitted to the Telephone Company) prior to (tariff effective date) and have not converted under 28.1.1(H) following.
- (3) Extension of Building Integrated Timing Supply to Fiber Optic Expanded Interconnection arrangements.

Except as set forth above, physical collocation will no longer be offered under this tariff. A customer wishing to order a physical collocation arrangement on or after (tariff effective date) may (1) establish an arrangement under Telephone Company Network Interconnection/Miscellaneous Network Services State tariffs; (2) establish an Interconnection Arrangement pursuant to Section 251(c) of the Communications Act; or (3) negotiate an Interconnection Agreement pursuant to Section 252 of the Communications Act.

(x)

(N) (x)

Interconnections are available on a first-come first-served basis subject to the availability of space and facilities in each serving wire center, access tandem or remote node on a negotiated interval. Specific designations for Physical, Virtual and SCOPE arrangements are shown on the Collocation Space Summary, which can be found on the Telephone Company's Internet website at [http://www.bellatlantic.com/wholesale/html/res\\_site\\_summ.htm](http://www.bellatlantic.com/wholesale/html/res_site_summ.htm). The minimum period for which Fiber Optic Expanded Interconnection is provided is three months.

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## ACCESS SERVICE

## Illustrative

28 Expanded Interconnection# (Cont'd)

(C)

28.1 Fiber Optic Expanded Interconnection - General (Cont'd)28.1.1 Provision of Service - Multiplexing Node (Cont'd)

(H) The customer may convert a physical Expanded Interconnection multiplexing node to a physical collocation arrangement established under Telephone Company Network Interconnection/Miscellaneous Network Service state tariffs; arrangements established under an Interconnection Agreement pursuant to Section 251(c) of the Communications Act, or arrangements negotiated under an Interconnection Agreement pursuant to Section 252 of the Communications Act and subject to the following terms and conditions.

(N)

(x)

(x)

- (1) The multiplexing node must have been in service or on order (i.e., an Expanded Interconnection application has been submitted to the Telephone Company) under this tariff prior to (tariff effective date); and
- (2) Within thirty (30) days following (tariff effective date), the customer must submit written or electronic notification to the Telephone Company at the same address/website it would normally submit applications for collocation. The notification must include the 11 character CLLI for the multiplexing node and the total square footage of the multiplexing node; and
- (3) Billing for the converted arrangement shall commence thirty (30) days from the tariff effective date; and
- (4) In the states of Maine, Massachusetts, New Hampshire, Rhode Island and Vermont, eligible customers will receive an annual incentive (adjustment) for the first 9½ years following conversion of the arrangement to state rates, terms and conditions. The first annual incentive shall be applied to the customer's bill in the third bill period following the end of the conversion period and annually thereafter in the same bill period as the first annual incentive was applied. The adjustment amount applied annually on the bill period for the first 9 years is specified in Section 31.28.1 following which amounts include interest at 5.45%. The adjustment amount for the last annual bill period is one half of the annual amount specified in Section 31.28.1 following which amounts include interest at 5.45%.

(N)

# Expanded Interconnection availability is limited. See Page No. 28-3 for details.

(N)

(N)

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28 Expanded Interconnection# (Cont'd)

(C)

28.1 Fiber Optic Expanded Interconnection - General (Cont'd)

28.1.1 Provision of Service - Multiplexing Node (Cont'd)

(H) (Cont'd)

(N)

(8) (Cont'd)

For example, on November 1, 2002, a customer converts their multiplexing node under the terms of this tariff. The first annual incentive adjustment would be applied in the February 2003 billing cycle. Subsequent adjustments would apply yearly thereafter in every February billing cycle. The final adjustment would be made in 2012.

Customers who have entered into agreements waiving claims for past non-recurring charges involving Expanded Interconnection physical collocation are not eligible for this credit.

Payment of the annual incentive will continue to the original customer if the multiplexing node is disconnected or the multiplexing node is assigned to a new billing party under the terms specified in 28.9.16 following.

In all cases, the annual incentive shall cease after 9½ years.

(N)

# Expanded Interconnection availability is limited. See Page No. 28-3 for details.

(N)  
(N)

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28. Expanded Interconnection # (Cont'd)

(C)

28.1 Fiber Optic Expanded Interconnection - General (Cont'd)

28.1.8 Telephone Company Access to Multiplexing Node

The customer will provide emergency access to its multiplexing node at all times to allow the Telephone Company to react to emergencies, to maintain the space (where applicable) and to ensure compliance with OSHA/Telephone Company regulations and standards related to fire, safety, health and environmental safeguards. If conditions permit, notification of access will be provided and the customer will have the option to be present at the time of access.

28.1.9 Mixed Use Expanded Interconnection

Customers who interconnect interstate services provided under the regulations specified in this tariff at a multiplexing node or virtual collocation arrangement established under an intrastate tariff will be subject to the regulations specified in Section 2.3.10 preceding.

28.1.10 Rates and Charges

The customer is subject to nonrecurring charges and/or recurring rates for use of Telephone Company owned space and facilities and for the provisioning of customer provided facilities within the serving wire center, access tandem or remote node. The rates and charges for Fiber Optic Expanded Interconnection are set forth in Section 31.28 following.

Office Channel Termination rates and charges as set forth in Sections 31.6, 31.7 or 31.26 following also apply for connection of Switched Access, Special Access or SONET service, respectively, to the physical Expanded Interconnection arrangement which has not converted under 28.1.1(H) preceding.

(C)

(C)

(C)

Virtual Office Channel Termination rates and charges as set forth in Sections 31.6, 31.7 or 31.26 following also apply for connection of Switched Access, Special Access or SONET service, respectively, to the Expanded Interconnection virtual collocation arrangement.

(C)

(C)

# Expanded Interconnection availability is limited. See Page No. 28-3 for details.

(N)

(N)

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Illustrative

28. Expanded Interconnection # (Cont'd)

(C)

28.1 Fiber Optic Expanded Interconnection - General (Cont'd)

28.1.11 Special Construction of Facilities

When Special Construction of facilities is required for the provision of Expanded Interconnection, the regulations, rates, charges and liabilities for Special Construction apply as set forth in the VERIZON TELEPHONE COMPANIES TARIFF F.C.C. NO. 13.

28.2 Undertaking of the Telephone Company - Fiber Optic - Physical

The regulations set forth in this Section 28.2 apply to the following:

(N)

- (1) Expanded Interconnection arrangements which are in-service or on order (i.e., an Expanded Interconnection application has been submitted to the Telephone Company) prior to (tariff effective date) and have not converted under 28.1.1(H) preceding.
- (2) Extension of Building Integrated Timing Supply to physical collocation arrangements.

Except as set forth above, physical collocation will no longer be offered under this tariff. A customer wishing to order a physical collocation arrangement on or after (tariff effective date) may (1) establish an arrangement under Telephone Company Network Interconnection/Miscellaneous Network Services State tariffs; (2) establish an Interconnection Arrangement pursuant to Section 251(c) of the Communications Act; or (3) negotiate an Interconnection Agreement pursuant to Section 252 of the Communications Act.

(x)

(N) (x)

# Expanded Interconnection availability is limited. See Page No. 28-3 for details.

(N)

(N)

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28. Expanded Interconnection # (Cont'd)

(C)

28.2 Undertaking of the Telephone Company - Fiber Optic - Physical (Cont'd)

The Telephone Company will provide floor space, commercial A.C. power and D.C. power with battery and generator back-up, heat, air conditioning and other environmental support to the customer's equipment, in the same manner that it provides such support items to its own equipment within that serving wire center, access tandem or remote node.

(M)

28.2.1 Power

- (A) The Telephone Company will supply the space and 110V A.C. power as well as work and services which support the overall operation of the serving wire center, access tandem or remote node.
- (B) The Telephone Company will provide 110V A.C. power for two electrical outlets and lighting for frames within the multiplexing node.
- (C) Effective (tariff effective date), 48-Volt battery-backed DC Power will no longer be available subject to the rates, terms, and conditions of this tariff.

(M)

(C)

(C)

# Expanded Interconnection availability is limited. See Page No. 28-3 for details.

(N)

(N)

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## ACCESS SERVICE

**Illustrative**28. Expanded Interconnection # (Cont'd)

(C)

28.3 Obligations of the Customer - Fiber Optic - Physical

The regulations set forth in this Section 28.3 apply to the following:

(N)

- (1) Expanded Interconnection arrangements which are in-service or on order (i.e., an Expanded Interconnection application has been submitted to the Telephone Company) prior to (tariff effective date) and have not converted under 28.1.1(H) preceding.
- (2) Extension of Building Integrated Timing Supply to physical collocation arrangements.

Except as set forth above, physical collocation will no longer be offered under this tariff. A customer wishing to order a physical collocation arrangement on or after (tariff effective date) may (1) establish an arrangement under Telephone Company Network Interconnection/Miscellaneous Network Services State tariffs; (2) establish an Interconnection Arrangement pursuant to Section 251(c) of the Communications Act; or (3) negotiate an Interconnection Agreement pursuant to Section 252 of the Communications Act.

(x)

(N) (x)

28.3.1 Requests for Service

- (A) Customers must request Expanded Interconnection through their Telephone Company point of contact. The point of contact will provide the customer with an Expanded Interconnection Application (EIA) through which they must convey their requirements for space and associated requirements such as power and environmental conditioning, and any other matters of a special nature pertaining to customer occupancy.
- (B) The customer shall complete a written application for occupancy of any multiplexing node, cable space or conduit.
- (C) The customer must pay the Telephone Company 20% of the total Space and Facility nonrecurring charges, as specified in Section 31.28 following at the time the customer submits to the Telephone Company the completed application for occupancy of any multiplexing node, cable space or conduit. Receipt of the application and payment will determine the order of priority of customer's request.

# Expanded Interconnection availability is limited. See Page No. 28-3 for details.

(N)  
(N)

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Illustrative

28. Expanded Interconnection (Cont'd)

28.6 Microwave Expanded Interconnection - General

28.6.1 Provision of Service

The regulations set forth in this Section 28.6 apply to the following:

- (1) Microwave Expanded Interconnection arrangements which are in-service or on order (i.e., an Expanded Interconnection application has been submitted to the Telephone Company) prior to (tariff effective date) and have not converted under 28.6.1(K) following.
- (2) Extension of Building Integrated Timing Supply to microwave Expanded Interconnection arrangements.

Except as set forth above, physical collocation will no longer be offered under this tariff. A customer wishing to order a physical collocation arrangement on or after (tariff effective date) may (1) establish an arrangement under Telephone Company Network Interconnection/Miscellaneous Network Services State tariffs; (2) establish an Interconnection Arrangement pursuant to Section 251(c) of the Communications Act; or (3) negotiate an Interconnection Agreement pursuant to Section 252 of the Communications Act.

- (A) Microwave Expanded Interconnection is available on a first-come first-served basis where feasible in each Telephone company serving wire center, access tandem or remote node on a negotiated interval.

The minimum period for which Microwave Expanded Interconnection is provided is three months.

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## Illustrative

28. Expanded Interconnection # (Cont'd)

(C)

28.6 Microwave Expanded Interconnection - General (Cont'd)28.6.1 Provision of Service (Cont'd)

- (K) The customer may convert a microwave Expanded Interconnection multiplexing node to a physical collocation arrangement established under Telephone Company Network Interconnection/Miscellaneous Network Services state tariffs; arrangements established under an Interconnection Agreement pursuant to Section 251(c) of the Communications Act; or arrangements negotiated under an Interconnection Agreement pursuant to Section 252 of the Communications Act and subject to the following terms and conditions.
- (1) The multiplexing node must have been in service or on order (i.e., an Expanded Interconnection application has been submitted to the Telephone Company) under this tariff prior to (tariff effective date); and
  - (2) Within thirty (30) days following (tariff effective date), the customer must submit written or electronic notification to the Telephone Company at the same address/website it would normally submit applications for collocation. The notification must include the 11 character CLLI for the multiplexing node and the total square footage of the multiplexing node; and
  - (3) Billing for the converted arrangement shall commence thirty (30) days from the tariff effective date; and
  - (4) In the states of Maine, Massachusetts, New Hampshire, Rhode Island and Vermont, eligible customers will receive an annual incentive (adjustment) for the first 9½ years following conversion of the arrangement to state rates, terms and conditions. The first annual incentive shall be applied to the customer's bill in the third bill period following the end of the conversion period and annually thereafter in the same bill period as the first annual incentive was applied. The adjustment amount applied annually on the bill period for the first 9 years is specified in Section 31.28.1 following which amounts include interest at 5.45%. The adjustment amount for the last annual bill period is one half of the annual amount specified in Section 31.28.1 following which amounts include interest at 5.45%.

(N)

(N)

# Expanded Interconnection availability is limited. See Page No. 28-3 for details.

(N)

(N)

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28. Expanded Interconnection # (Cont'd)

28.6 Microwave Expanded Interconnection - General (Cont'd)

28.6.1 Provision of Service (Cont'd)

(K) (Cont'd)

(4) (Cont'd)

For example, on November 1, 2002, a customer converts their multiplexing node under the terms of this tariff. The first annual incentive adjustment would be applied in the February 2003 billing cycle. Subsequent adjustments would apply yearly thereafter in every February billing cycle. The final adjustment would be made in 2012.

Customers who have entered into agreements waiving claims for past non-recurring charges involving Expanded Interconnection physical collocation are not eligible for this credit.

Payment of the annual incentive will continue to the original customer if the multiplexing node is disconnected or the multiplexing node is assigned to a new billing party under the terms specified in 28.9.16 following.

In all cases, the annual incentive shall cease after 9½ years.

(N)

(N)

# Expanded Interconnection availability is limited. See Page No. 28-3 for details.

(N)

(N)

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**Illustrative**28. Expanded Interconnection # (Cont'd)

(C)

28.7 Undertaking of the Telephone Company - Microwave

The regulations set forth in this Section 28.7 apply to the following:

(N)

- (1) Microwave Expanded Interconnection arrangements which are in-service or on order (i.e., an Expanded Interconnection application has been submitted to the Telephone Company) prior to (tariff effective date) and have not converted under 28.6.1(K) preceding.
- (2) Extension of Building Integrated Timing Supply to microwave collocation arrangements.

Except as set forth above, physical collocation will no longer be offered under this tariff. A customer wishing to order a physical collocation arrangement on or after (tariff effective date) may (1) establish an arrangement under Telephone Company Network Interconnection/Miscellaneous Network Services State tariffs; (2) establish an Interconnection Arrangement pursuant to Section 251(c) of the Communications Act; or (3) negotiate an Interconnection Agreement pursuant to Section 252 of the Communications Act.

(x)

(N) (x)

28.7.1 Power

The Telephone Company will supply the floor space, transmitter/receiver space and 110V commercial A.C. power, heat, air-conditioning and other environmental support, as well as work and services which support the overall operation of the serving wire center, access tandem or remote node in the same manner as it provides such support items to its own equipment within that serving wire center, access tandem or remote node.

# Expanded Interconnection availability is limited. See Page No. 28-59 for details.

(N)

(N)

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## Illustrative

28. Expanded Interconnection # (Cont'd)

(C)

28.7 Undertaking of the Telephone Company - Microwave (Cont'd)28.7.1 Power (Cont'd)

The Telephone Company will not generally provide power or environmental support to the roof space. If the Telephone Company agrees in response to a specific request by a customer to provide power or environmental support to the roof space, the customer will supply all associated materials, as specified by the Telephone Company, which the Telephone Company will have installed at the customer's cost.

(M)

- (A) The Telephone Company will provide 110V A.C. commercial power for two electrical outlets and lighting for frames within the multiplexing node.
- (B) Effective (tariff effective date), 48-Volt battery-backed DC Power will no longer be available subject to the rates, terms, and conditions of this tariff.
- (C) The Telephone Company will provide 110V commercial A.C. power for electrical outlets and lighting to the transmitter/receiver space. The customer will supply all associated materials, as specified by the Telephone Company, for the Telephone Company to bring 110V commercial A.C. power to the transmitter/receiver space. The customer will be charged the cost of installation incurred by the Telephone Company.

(M)

(C)

(C)

(M)

(M)

(D)

(D)

In the event special work is required to provide power or environmental support to the transmitter/receiver equipment, the customer will supply all associated materials which the Telephone Company will arrange to have installed and the costs incurred will be charged to the customer.

(M)

(M)

# Expanded Interconnection availability is limited. See Page No. 28-59 for details.

(N)

(N)

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### 28. Expanded Interconnection # (Cont'd)

(C)

#### 28.8 Obligations of the Customer - Microwave

The regulations set forth in this Section 28.8 apply to the following:

(N)

- (1) Microwave Expanded Interconnection arrangements which are in-service or on order (i.e., an Expanded Interconnection application has been submitted to the Telephone Company) prior to (tariff effective date) and have not converted under 28.6.1(K) preceding.
- (2) Extension of Building Integrated Timing Supply to microwave collocation arrangements.

Except as set forth above, physical collocation will no longer be offered under this tariff. A customer wishing to order a physical collocation arrangement on or after (tariff effective date) may (1) establish an arrangement under Telephone Company Network Interconnection/Miscellaneous Network Services State tariffs; (2) establish an Interconnection Arrangement pursuant to Section 251(c) of the Communications Act; or (3) negotiate an Interconnection Agreement pursuant to Section 252 of the Communications Act.

(x)

(N) (x)

#### 28.8.1 Requests for Service

- (A) Customers must request Expanded Interconnection through their Telephone Company point of contact. The point of contact will provide the customer with an Expanded Interconnection Application (EIA) through which they must convey their requirements for space and associated requirements such as power and environmental conditioning, and any other matters of a special nature pertaining to customer occupancy.

# Expanded Interconnection availability is limited. See Page No. 28-59 for details.

(N)  
(N)

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28. Expanded Interconnection (Cont'd)

28.9 Universal Regulations for Fiber Optic and Microwave Expanded Interconnection

The regulations set forth in this Section 28.9 apply to the following:

(N)

- (1) Fiber Optic Expanded Interconnection virtual collocation arrangements
- (2) Physical Expanded Interconnection arrangements established under this tariff which are in-service or on order (i.e., an Expanded Interconnection application has been submitted to the Telephone Company) prior to (tariff effective date) and have not converted under 28.1.1(H) and 28.6.1(K) preceding for fiber optic and microwave Expanded Interconnection, respectively.
- (3) Extension of Building Integrated Timing Supply to Expanded Interconnection arrangements.

Except as set forth above, physical collocation will no longer be offered under this tariff. A customer wishing to order a physical collocation arrangement on or after (tariff effective date) may (1) establish an arrangement under Telephone Company Network Interconnection/Miscellaneous Network Services State tariffs; (2) establish an Interconnection Arrangement pursuant to Section 251(c) of the Communications Act; or (3) negotiate an Interconnection Agreement pursuant to Section 252 of the Communications Act.

(x)

(N) (x)

28.9.1 Security Requirements

- (A) The customer must abide by all Telephone Company security practices for non-Telephone Company employees with access to the Telephone Company serving wire center, access tandem or remote node as specified in NYNEX Collocation Buildings Security Access Requirements (NIP-74174).

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## Illustrative

28. Expanded Interconnection (Cont'd)28.10 Expanded Interconnection Alternatives

The regulations set forth in this Section 28.10 apply to the following:

(N)

- (1) Expanded Interconnection alternatives which are in-service or on order (i.e., an Expanded Interconnection application has been submitted to the Telephone Company) prior to (tariff effective date) and have not converted under 28.10.1(A)(4) following.
- (2) Extension of Building Integrated Timing Supply to Expanded Interconnection alternative arrangements.

Except as set forth above, Expanded Interconnection alternatives will no longer be offered under this tariff. A customer wishing to order a physical collocation arrangement on or after (tariff effective date) may (1) establish an arrangement under Telephone Company Network Interconnection/Miscellaneous Network Services State tariffs; (2) establish an Interconnection Arrangement pursuant to Section 251(c) of the Communications Act; or (3) negotiate an Interconnection Agreement pursuant to Section 252 of the Communications Act.

(x)

(N) (x)

28.10.1 Secured Collocation Open Physical Environment (SCOPE)(A) Service Description

- (1) Secured Collocation Open Physical Environment (SCOPE) is a form of physical interconnection in which customers have the option of placing their equipment in the Telephone Company wire center without enclosing that equipment in a multiplexing node. This arrangement will be located in the same secure, environmentally-conditioned area currently utilized for the standard physical interconnection arrangements as described in Sections 28.2 and 28.7 preceding.
- (2) A SCOPE arrangement enables customers that do not want a standard cage-enclosed multiplexing node to install one or more bays of equipment in a secure area. Each individual customer is responsible for providing and installing its own equipment and performing all maintenance-related activities up to the customer side of a shared POT ("SPOT") Bay. The customer's responsibilities include performing the cross-connect or strapping at the SPOT Bay in the same manner as is performed for standard physical interconnection arrangements.

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28. Expanded Interconnection # (Cont'd)

(C)

28.10 Expanded Interconnection Alternatives28.10.1 Secured Collocation Open Physical Environment (SCOPE)(A) Service Description (Cont'd)

(4) The customer may convert a SCOPE arrangement to a physical collocation arrangement established under Telephone Company Network Interconnection/Miscellaneous Network Services state tariffs; arrangements established under an Interconnection Agreement pursuant to Section 251(c) of the Communications Act; or arrangements negotiated under an Interconnection Agreement pursuant to Section 252 of the Communications Act and subject to the following terms and conditions.

(N)

- (a) The SCOPE arrangement must have been in service or on order (i.e., an Expanded Interconnection application has been submitted to the Telephone Company) under this tariff prior to (tariff effective date); and
- (b) Within thirty (30) days following (tariff effective date), the customer must submit written or electronic notification to the Telephone Company at the same address/website it would normally submit applications for collocation. The notification must include the 11 character CLLI of the SCOPE arrangement and the number of bays associated with the SCOPE arrangement; and
- (c) Billing for the converted arrangement shall commence thirty (30) days from the tariff effective date; and
- (d) In the states of Maine, Massachusetts, New Hampshire, Rhode Island and Vermont, eligible customers will receive an annual incentive (adjustment) for the first 9½ years following conversion of the arrangement to state rates, terms and conditions. The first annual incentive shall be applied to the customer's bill in the third bill period following the end of the conversion period and annually thereafter in the same bill period as the first annual incentive was applied. The adjustment amount applied annually on the bill period for the first 9 years is specified in Section 31.28.1 following which amounts include interest at 5.45%. The adjustment amount for the last annual bill period is one half of the annual amount specified in Section 31.28.1 following which amounts include interest at 5.45%.

Customers who have entered into agreements waiving claims for past non-recurring charges involving Expanded Interconnection physical collocation are not eligible for this credit.

Payment of the annual incentive will continue to the original customer if the multiplexing node is disconnected or the multiplexing node is assigned to a new billing party under the terms specified in 28.9.16 following.

In all cases, the annual incentive shall cease after 9½ years.

# Expanded Interconnection availability is limited. See Page No. 28-115 for details.

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28. Expanded Interconnection # (Cont'd) (C)

28.10 Expanded Interconnection Alternatives (Cont'd)

28.10.1 Secured Collocation Open Physical Environment (SCOPE) (Cont'd)

(E) Equipment Bay, Lighting and AC Outlet Installation (Cont'd)

(2) The Telephone Company will designate the floor space location specific for each bay of equipment installed. In addition to the floor space, the Telephone Company will provide AC power, battery and generator backup power, heat, air-conditioning and other environmental support in connection with the customer's transmission equipment in the same manner it provides such support items in connection with its own transmission equipment within that central office. (C)

(3) Effective (tariff effective date), 48-Volt battery-backed DC Power will no longer be available subject to the rates, terms, and conditions of this tariff. (C)

AC power (AC outlets) and common aisle lighting will be provided for the entire SCOPE area and will be shared by all customers. Customers requesting additional AC outlets and overhead lighting will be responsible for contracting directly with a Telephone Company approved vendor for any additional AC outlets and lighting. The groundbar for transmission equipment will be a common groundbar shared by all customers in a SCOPE arrangement.

# Expanded Interconnection availability is limited. See Page No. 28-115 for details. (N)

(x) Issued under authority of Special Permission No. 02-XXX of the Federal Communications Commission. (N)

Certain regulations previously found on this page can now be found on Original Page 28-118.1 and 1<sup>st</sup> Revised Page 28-119.

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28. Expanded Interconnection # (Cont'd)

(C)

28.10 Expanded Interconnection Alternatives (Cont'd)

28.10.1 Secured Collocation Open Physical Environment (SCOPE) (Cont'd)

(F) Rates and Charges

(M)

(1) Implementation Charges

- (a) Application Fees will apply as described in Section 28.3.1 and 28.8.1 preceding, subject to the charges set forth in Section 31.28 following.

(M)

- (b) The SCOPE Construction charges as set forth in Section 31.28.3 following, is a nonrecurring charge that applies when equipment bays are placed in collocation space and includes AC outlets to be shared by customers, standard aisle lighting, cable racking, high level framing and any common grounding specific to the existing room. The required space per bay is 15 square feet. The charge is assessed per equipment bay installed.

(2) Monthly Rates

- (a) The Building Space rate as set forth in Section 31.28.3(A) (2) following, is associated with the footprint of the equipment bay. The rate is assessed per equipment bay.

- (b) Reserved for future use.

(D)

- (c) The Cable Space rate applies as set forth in Section 28.2.1(B) (1) following.

(3) Other Charges

- (a) Escort Charges by a qualified Telephone Company employee in Verizon New York Inc. are subject to the regulations set forth in 28.1.1(G) preceding.

# Expanded Interconnection availability is limited. See Page No. 28-115 for details.

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Certain regulations on this page formerly appeared on 2<sup>nd</sup> Rev ised Page 28-118.

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## ACCESS SERVICE

**Illustrative**31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.6 Switched Access Service (Cont'd)31.6.1 Local Transport (Cont'd)

## (J) Service Rearrangement (Cont'd)

(7) Switched Facility Rearrangements  
- Per Rearrangement

	<u>USOC</u>	<u>Nonrecurring Charge</u>
- Massachusetts		
Pricing Zone 1	NRB06	0.00
Pricing Zone 2	NRB06	0.00
Pricing Zone 3	NRB06	0.00
- New York/Connecticut		
Pricing Zone 1	NRB06	0.00
Pricing Zone 2	NRB06	0.00
Pricing Zone 3	NRB06	0.00
- Maine, New Hampshire, Rhode Island Vermont	NRB06	0.00

## (8) Interconnection Rearrangement

(a) to a physical collocation or  
virtual collocation arrangement

(C)

(i) Per DS1 Entrance Facility  
rearranged

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
- Massachusetts			
Pricing Zone 1	NRBPC	None	\$ 0.00
Pricing Zone 2	NRBPC	None	0.00
Pricing Zone 3	NRBPC	None	0.00
- New York/Connecticut			
Pricing Zone 1	NRBPC	None	284.00
Pricing Zone 2	NRBPC	None	0.00
Pricing Zone 3	NRBPC	None	0.00
- Maine, New Hampshire, Rhode Island, Vermont	NRBPC	None	0.00

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## ACCESS SERVICE

**Illustrative**31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.6 Switched Access Service (Cont'd)31.6.1 Local Transport (Cont'd)

(J) Service Rearrangement (Cont'd)

(8) Interconnection Rearrangement (Cont'd)

(a) to a physical collocation or  
virtual collocation arrangement (Cont'd)

(C)

(ii) Per DS3 Entrance Facility rearranged

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
- Massachusetts			
Pricing Zone 1	NRBPC	None	\$ 0.00
Pricing Zone 2	NRBPC	None	0.00
Pricing Zone 3	NRBPC	None	0.00
- New York/Connecticut			
Pricing Zone 1	NRBPC	None	407.37
Pricing Zone 2	NRBPC	None	0.00
Pricing Zone 3	NRBPC	None	0.00
- Maine, New Hampshire, Rhode Island, Vermont	NRBPC	None	0.00

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.6 Switched Access Service (Cont'd)31.6.1 Local Transport (Cont'd)

(J) Service Rearrangement (Cont'd)

(8) Interconnection Rearrangement (Cont'd)

(b) from a physical collocation or  
virtual collocation arrangement

(C)

(i) Per DS1 Entrance Facility rearranged

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
- Massachusetts			
Pricing Zone 1	NRBPD	None	\$ 0.00
Pricing Zone 2	NRBPD	None	0.00
Pricing Zone 3	NRBPD	None	0.00
- New York/Connecticut			
Pricing Zone 1	NRBPD	None	0.00
Pricing Zone 2	NRBPD	None	0.00
Pricing Zone 3	NRBPD	None	0.00
- Maine, New Hampshire, Rhode Island, Vermont	NRBPD	None	0.00

(ii) Per DS3 Entrance Facility rearranged

- Massachusetts			
Pricing Zone 1	NRBPD	None	\$ 0.00
Pricing Zone 2	NRBPD	None	0.00
Pricing Zone 3	NRBPD	None	0.00
- New York/Connecticut			
Pricing Zone 1	NRBPD	None	0.00
Pricing Zone 2	NRBPD	None	0.00
Pricing Zone 3	NRBPD	None	0.00
- Maine, New Hampshire, Rhode Island, Vermont	NRBPD	None	0.00

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## ACCESS SERVICE

**Illustrative**31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.7 Special Access Service (Cont'd)31.7.9 High Capacity Service (Cont'd)

## (D) Service Rearrangement (Cont'd)

- (2) Digital to Digital 44.736 Mbps  
High Capacity Service

- Per service rearranged

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
Massachusetts			
Pricing Zone 1	NRBO3	None	\$ 0.00
Pricing Zone 2	NRBO3	None	0.00
Pricing Zone 3	NRBO3	None	0.00
New York/Connecticut			
Pricing Zone 1	NRBO3	None	0.00
Pricing Zone 2	NRBO3	None	0.00
Pricing Zone 3	NRBO3	None	0.00
Maine, New Hampshire, Rhode Island, Vermont	NRBO3	None	0.00

## (3) Interconnection Rearrangement

- (a) to a physical collocation or  
virtual collocation arrangement

(C)

(i) Per 1.544 Mbps Service Rearranged

Massachusetts			
Pricing Zone 1	NRBO7	None	0.00
Pricing Zone 2	NRBO7	None	0.00
Pricing Zone 3	NRBO7	None	0.00
New York/Connecticut			
Pricing Zone 1	NRBO7	None	284.59
Pricing Zone 2	NRBO7	None	0.00
Pricing Zone 3	NRBO7	None	0.00
Maine, New Hampshire, Rhode Island, Vermont	NRBO7	None	0.00

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## ACCESS SERVICE

**Illustrative**31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.7 Special Access Service (Cont'd)31.7.9 High Capacity Service (Cont'd)

## (D) Service Rearrangement (Cont'd)

## (3) Interconnection Rearrangement (Cont'd)

(a) to a physical collocation or  
virtual collocation arrangement (Cont'd)

(C)

(i) Per 44.736 Mbps Service rearranged

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
Massachusetts			
Pricing Zone 1	NRBO9	None	\$ 0.00
Pricing Zone 2	NRBO9	None	0.00
Pricing Zone 3	NRBO9	None	0.00
New York/Connecticut			
Pricing Zone 1	NRBO9	None	407.37
Pricing Zone 2	NRBO9	None	0.00
Pricing Zone 3	NRBO9	None	0.00
Maine, New Hampshire, Rhode Island, Vermont	NRBO9	None	0.00

(b) from a physical collocation or  
virtual collocation arrangement

(C)

(i) Per 1.544 Mbps Service rearranged

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
Massachusetts			
Pricing Zone 1	NRBPA	None	\$ 0.00
Pricing Zone 2	NRBPA	None	0.00
Pricing Zone 3	NRBPA	None	0.00

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## ACCESS SERVICE

**Illustrative**31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.7 Special Access Service (Cont'd)31.7.9 High Capacity Service (Cont'd)

## (D) Service Rearrangement (Cont'd)

## (3) Interconnection Rearrangement (Cont'd)

(b) from a physical collocation or  
virtual collocation arrangement (Cont'd)

(C)

(i) Per 1.544 Mbps Service Rearranged (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
New York/Connecticut			
Pricing Zone 1	NRBPA	None	\$ 0.00
Pricing Zone 2	NRBPA	None	0.00
Pricing Zone 3	NRBPA	None	0.00
Maine, New Hampshire, Rhode Island, Vermont	NRBPA	None	0.00

(ii) Per 44.736 Mbps Service rearranged

Massachusetts			
Pricing Zone 1	NRBPB	None	0.00
Pricing Zone 2	NRBPB	None	0.00
Pricing Zone 3	NRBPB	None	0.00
New York/Connecticut			
Pricing Zone 1	NRBPB	None	0.00
Pricing Zone 2	NRBPB	None	0.00
Pricing Zone 3	NRBPB	None	0.00
Maine, New Hampshire, Rhode Island, Vermont	NRBPB	None	0.00

## (E) Optical Midspan Splice

- Per point of termination OPC None 0.00

## (F) Mux to NRS

- Per 1.544 Multiplexing Arrangement NRBO5 None 506.00

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